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TO THE U.S. PATENT AND TRADEMARK OFFICE****RECEIVED  
CENTRAL FAX CENTER****AUG 17 2004****PLEASE DELIVER TO ATTN: Examiner Hutson, R.G.**

Concerning the following application:

ATTORNEY DOCKET NO.: 25436/1560

Application of:	Sorge, et al.	Examiner:	Hutson, R.G.
Serial No.:	09/698,341		
Filed:	October 27, 2000	Group Art Unit:	1652
Entitled:	Compositions and Methods Utilizing DNA Polymerases	Conf. No.:	6038

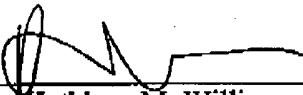
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Our Facsimile No.: 1-617-227-4420

Number of pages including cover sheet: 22

Transmitted herewith: Response to Office Action mailed May 14, 2004; and  
Petition for Extension of Time.**CERTIFICATION**

I hereby certify that the paper identified above is being facsimile transmitted to the U.S. Patent and Trademark Office, on the date indicated below.

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Atty. Docket No.: 25436/1560  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

PATENT

**OFFICIAL**

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Serial No.: 09/698,341  
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Entitled: COMPOSITIONS AND  
METHODS UTILIZING DNA  
POLYMERASES

Examiner: Hutson, R.G.

Group Art Unit: 1652

Conf. No.: 6038

**RECEIVED**  
**CENTRAL FAX CENTER****AUG 17 2004****CERTIFICATE OF FACSIMILE TRANSMISSION****UNDER 37 C.F.R. § 1.6d**

I hereby certify that this correspondence and any paper referred to as being enclosed are being facsimile transmitted on the date indicated above to the Commissioner for Patents, Fax No. (703) 872-9306

Kathleen M. Williams

Name of Person Faxing Paper

Signature of Person Faxing Paper

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AFTER FINAL REJECTION UNDER 37 C.F.R. 1.116**

Sir:

In response to the Advisory Action mailed May 14, 2004, Applicants respectfully request that the following amendments be entered pursuant to 37 C.F.R. §1.116 in the above identified application. A Petition for Extension of Time (two month) and the appropriate fee are being filed concurrently with this Amendment.

**Amendments to the Claims** are shown in the "Listing of the Claims" which begins on page 2 of this paper.

**Remarks** begin on page 18 of this paper.

Please enter the following amendments and remarks.